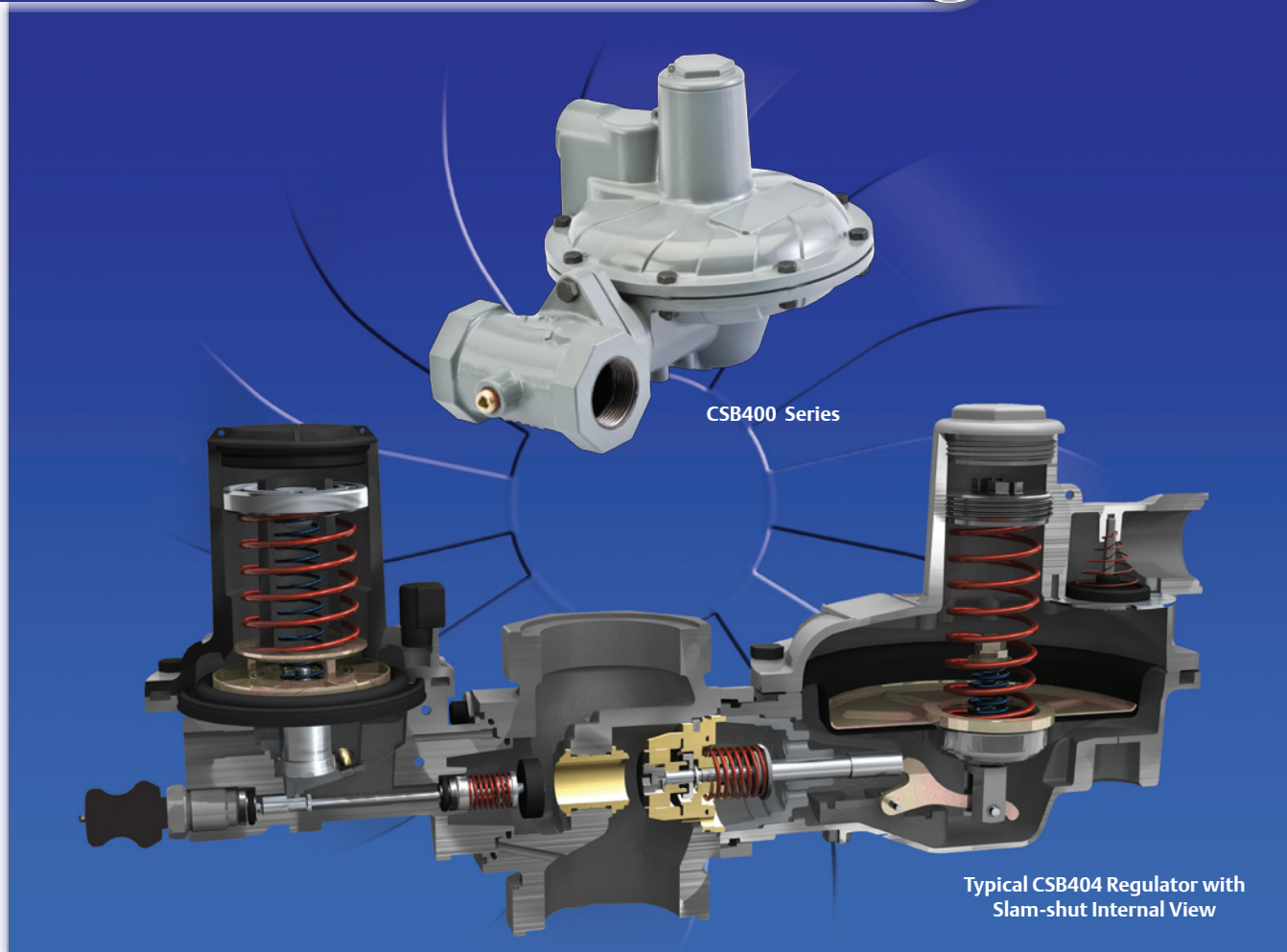


# CSB400 Series

Fisher® Commercial Service Reliability



## ***The Fisher® CSB400 Series***

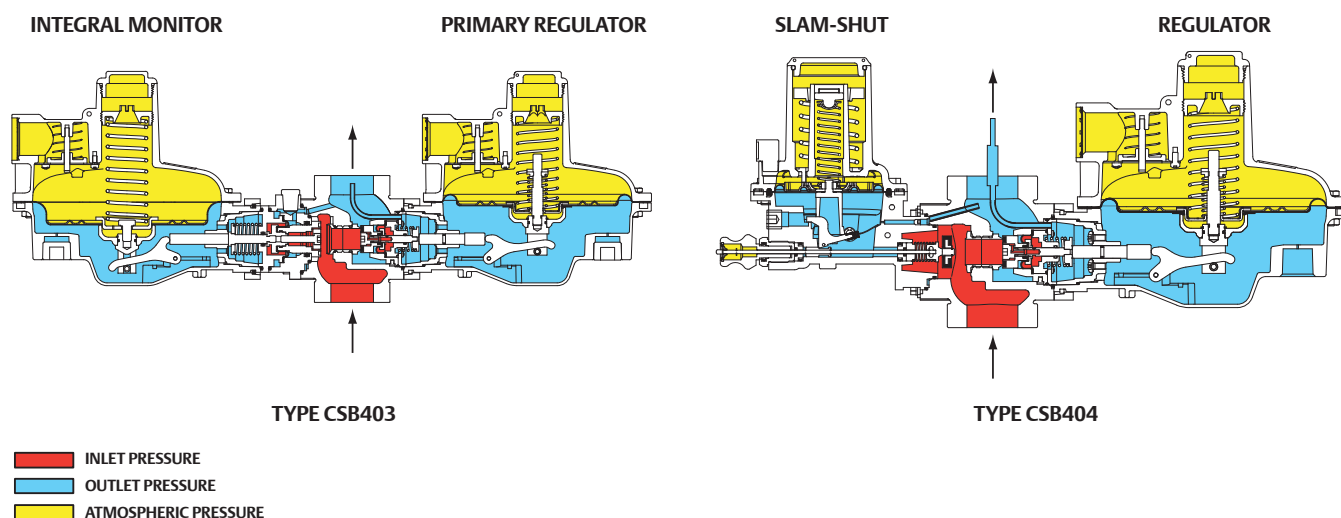
The CSB400 Series direct-operated, spring-loaded regulators have been engineered to fit a multitude of pressure-reducing applications in commercial and industrial installations. Constructions are available with Internal, External, or Dual Registration. This balanced trim regulator is available with control ranges from 17 mbar to 3,0 bar / 7-inches w.c to 43.5 psig. The CSB400 Series also offers multiple overpressure protection options, which include an integral Slam-shut, Integral True-Monitor™, and also a Token Relief for relieving minor overpressure conditions.

## ***Product advantages:***

- New technologies in overpressure protection
- Wide variety of body sizes and end connections
- Only standard tools required for pressure adjustment and orifice removal
- Platform breadth and application coverage
- Highly configurable
- Lower cost of ownership/reduced time and expense for
  - Training
  - Installation
  - Maintenance



# Overpressure Protection Options



## Integral True-Monitor™ Protection

Combines the operation of a conventional two-regulator wide-open monitor set into one device.

## Slam-Shut

Shuts off gas service to the downstream system in the event of an overpressure or underpressure condition.

## CSB400 Series Features

**Operation:** Direct-Operated, Pressure Reducing

**Body Size:** NPS 1, 1-1/4, 1-1/2, 2 NPT;

NPS 1, 1-1/4, 1-1/2, 2 ISO 7/1 Rp; NPS 1 x 2-1/4 ISO 7/1 Rp x GAZ; NPS 2 / DN 50 CL125 FF / CL150 FF, PN 10/16

**Maximum Operating Inlet Pressure:**

Up to 16 bar / 232 psig

**Maximum Emergency Inlet Pressure:**

Up to 20 bar / 290 psig

**Outlet Pressure Range:** 17 mbar to 3,0 bar /

7-inches w.c to 43.5 psig

**Operating Temperature:** -29° to 66°C / -20° to 150°F

**Spring Case Vent Connection:** 1 NPT

**Pressure Registration:** Internal, External, or Dual

**Body Material:** Ductile Cast Iron and Steel

**Overpressure Protection:**

Integral True-Monitor™ Protection

Slam-Shut Protection

## Natural Gas Technologies

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The distinctive swirl pattern cast into every actuator casing uniquely identifies the regulator as part of the Fisher® brand Commercial Service Regulator family and assures you of the highest-quality engineering, performance, and support traditionally associated with Fisher, Francel, and Tartarini regulators.

## Our Global Natural Gas Product Brands:

For further information, visit [www.emersonprocess.com/regulators](http://www.emersonprocess.com/regulators)



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